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**ANALYTICAL DATA ASSESSMENT AND VALIDATION
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

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1.0 INTRODUCTION

The following document details an assessment and validation of analytical results reported by H2M Labs, Inc. (H2M) for groundwater samples collected in support of the PMP Groundwater Program at the Miller Springs Remediation Management Inc. (MSRM) Site in Delaware City, Delaware (Site). The samples were collected in October 2005.

The samples were analyzed for the following: target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), total and dissolved target analyte list (TAL) metals, methyl mercury, and natural attenuation parameters.

A sampling and analysis summary is presented in Table 1. A summary of the analytical data is presented in Table 2. The quality assurance/quality control (QA/QC) criteria by which these data have been assessed are outlined in the analytical methods and the documents entitled:

- i) Region III Modification to National Functional Guidelines for Organic Data Review, Multi-Media, Multi-Concentration (OLM01.0-OLM01.9), September 1994; and
- ii) Region III Modifications to the Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses", April 1993.

Full Contract Laboratory Program (CLP)-equivalent raw data deliverables were provided by the laboratory. The data quality assessment and validation presented in the following subsections were performed based on the sample results and supporting QA/QC results provided. Data assessment was based on information obtained from final data sheets, method blank data, duplicate results, surrogate recoveries, blank/matrix spike recoveries, and field QA/QC samples.

2.0 SAMPLE HOLDING TIMES

The hold time periods are presented in the analytical methods. Most samples were prepared and analyzed within the method required holding times. Results associated with analyses that exceeded holding times were qualified as estimated (see Table 3).

All samples were properly preserved and cooled after collection with the exception of some methyl mercury samples that arrived at the laboratory over temperature. Associated sample results were qualified as estimated (see Table 4).

3.0 SURROGATE SPIKE RECOVERIES - ORGANICS

In accordance with the methods employed, all samples, blanks, and standards analyzed for VOCs and gases were spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of individual sample matrices on analytical efficiency and are assessed against method control limits.

Some surrogate recoveries for SVOCs were high and associated detected sample results were qualified with a "K" (see Table 5). All remaining surrogate recoveries met the method criteria demonstrating acceptable analytical accuracy on this matrix.

4.0 METHOD BLANK ANALYSES

The purpose of assessing the results of method blank analyses is to determine the existence and magnitude of sample contamination introduced during analysis. Method blanks are prepared from deionized water and analyzed as samples.

For this study, method blanks were analyzed at a minimum frequency of one per analytical batch and the data were non-detect with the exception of some VOCs, SVOCs and metals. All associated sample results for these analytes with concentrations similar to the blank were qualified with a "B" (see Table 6).

5.0 LABORATORY CONTROL SAMPLE (LCS)/BLANK SPIKE (BS) ANALYSES

LCS or BS samples are prepared and analyzed to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. LCS or BS samples were prepared and analyzed for all applicable parameters. The results were acceptable for all analytes spiked with the exception of high and low recoveries for some SVOCs. For high BS recoveries, associated detected sample results were qualified as estimated. All associated sample results were qualified for the low BS recoveries (see Table 7).

6.0 MATRIX SPIKE (MS) ANALYSES – INORGANICS

To evaluate the effects of sample matrices on the digestion, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS samples. The established control limits for inorganic MS recoveries are 75 to 125 percent. Spike recoveries are not assessed for samples having original concentrations significantly greater than the spike concentration (>four times). For this study, MS samples were prepared and analyzed by the laboratory as specified in Table 1.

Most MS recoveries met the above criteria. Some high and low recoveries were reported for the metals analyses. For high MS recoveries, associated detected sample results were qualified as estimated. All associated sample results were qualified for the low MS recoveries (see Table 8).

7.0 DUPLICATE SAMPLE ANALYSES - INORGANICS

For inorganics, analytical precision is evaluated based on the analysis of duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory as specified in Table 1.

Laboratory duplicate results are assessed against a maximum relative percent difference (RPD) of 20 percent. Metals sample results less than five times the Contract Required Detection Limit (CRDL) are evaluated based on the difference between the sample and duplicate results, which should not exceed the CRDL.

Most duplicate analyses met the above criteria. Outlying RPDs were reported for iron analyses. The associated detected sample results were qualified as estimated (see Table 9).

8.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES – VOCs, SVOCs, AND GASES

To evaluate the effects of sample matrices on the preparation, measurement procedures, and accuracy of organic parameters, samples are spiked with a known concentration of the analyte of concern and analyzed as MS samples. The laboratory prepared the spike samples in duplicate, to assess analytical precision. The laboratory established the MS/MSD control limits internally. Per the "Guidelines", qualification of data is not

required if the sample results exceed four times the spike concentration added. For this study, MS/MSD samples were prepared and analyzed by the laboratory as specified in Table 1.

MS/MSD analyses performed were acceptable, demonstrating good analytical accuracy and precision.

9.0 FIELD QA/QC

9.1 RINSE BLANK ANALYSIS

Two rinse blanks were submitted for analysis, as identified in Table 1. Several analytes were present in the blanks. Detected sample results with concentrations similar to the blank concentrations were qualified with a "B" (see Table 10).

9.2 TRIP BLANK ANALYSES

Trip blanks are transported, stored, and analyzed with the investigative samples to identify potential cross-contamination of VOCs. Trip blanks were submitted for VOC analysis. All sample results were non-detect for the analytes of interest with the exception of acetone. Detected sample results with concentrations similar to the trip blank concentrations were qualified with a "B" (see Table 11).

9.3 FIELD DUPLICATE ANALYSES

To assess the analytical and sampling precision, four field duplicate samples were collected and submitted "blind" to the laboratory, as indicated in Table 1. Most results were comparable, demonstrating good field and laboratory precision. Some results did show significant variability, and were qualified as estimated (see Table 12).

10.0 TOTAL AND DISSOLVED METALS

Some dissolved mercury results were significantly greater than the associated total mercury results. The associated sample results were qualified as estimated (see Table 13).

11.0 CONCLUSION

Based on the assessment detailed in the foregoing, the data produced by H2M are acceptable with the specific qualifications noted herein.

TABLES

TABLE 1
SAMPLE COLLECTION AND ANALYSIS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Sample ID</i>	<i>Location ID</i>	<i>Parameters</i>							<i>Comments</i>
		<i>Collection Date</i> (mm/dd/yy)	<i>Collection Time</i> (hr:min)	VOCs	SVOCS	Total Mercury (only)	Total Metals	Dissolved Metals	
GW-7462-1001-01	A-44	10/11/05	8:30	X	X	X	X	X	
GW-7462-1001-02	A-49	10/11/05	10:15	X	X	X	X	X	
GW-7462-1001-03	A-50	10/11/05	11:00	X	X	X	X	X	
GW-7462-1001-04	A-46	10/11/05	11:20	X	X	X	X	X	
GW-7462-1001-05	A-33S	10/11/05	13:25	X	X	X	X	X	
GW-7462-1001-06	A-33D	10/11/05	14:45	X	X	X	X	X	
GW-7462-1001-07	A-36D	10/11/05	12:50	X	X	X	X	X	
GW-7462-1001-08	A-36S	10/11/05	13:35	X	X	X	X	X	
GW-7462-1001-09	A-62D	10/11/05	15:30	X	X	X	X	X	
GW-7462-1001-10	A-62D	10/11/05	15:45	X	X	X	X	X	
GW-7462-1001-11	-	10/12/05	7:15	X	X	X	X	X	Duplicate of GW-7462-1001-09 Rinse Blank
GW-7462-1001-12	A-45	10/11/05	15:35	X	X	X	X	X	
GW-7462-1001-13	R-112	10/11/05	16:25	X	X	X	X	X	
GW-7462-1001-14	A-27S	10/12/05	11:05	X	X	X	X	X	
GW-7462-1001-15	A-27D	10/12/05	9:30	X	X	X	X	X	MS/MSD/Duplicate
GW-7462-1001-16	A-67S	10/12/05	9:45	X	X		X	X	X
GW-7462-1001-17	A-66S	10/12/05	10:00	X	X		X	X	X
GW-7462-1001-18	A-67D	10/12/05	11:30	X	X		X	X	X
GW-7462-1001-19	A-66D	10/12/05	11:15	X	X		X	X	X
GW-7462-1001-20	A-77	10/12/05	12:40	X	X		X	X	X
GW-7462-1001-21	A-77	10/12/05	13:00	X	X		X	X	X
GW-7462-1001-22	A-76	10/12/05	14:15	X	X		X	X	X
GW-7462-1001-23	A-68D	10/12/05	13:05	X	X		X	X	X
GW-7462-1001-24	A-68S	10/12/05	14:30	X	X		X	X	X
GW-7462-1001-25	A-39D	10/12/05	13:00	X	X	X	X	X	
GW-7462-1001-26	A-39S	10/12/05	14:10	X	X	X	X	X	
GW-7462-1001-27	A-56	10/12/05	16:00	X	X	X	X	X	
GW-7462-1001-28	A-47	10/12/05	16:50	X	X	X	X	X	
GW-7462-1001-29	A-25D	10/12/05	16:45	X	X	X	X	X	
GW-7462-1001-30	A-58	10/12/05	17:20	X	X	X	X	X	
GW-7462-1001-31	R-110	10/13/05	9:35	X	X	X	X	X	
GW-7462-1001-32	A-37S	10/13/05	10:30	X	X	X	X	X	
GW-7462-1001-33	A-37D	10/13/05	11:55	X	X	X	X	X	
GW-7462-1001-34	A-62S	10/13/05	10:25	X	X	X	X	X	
GW-7462-1001-35	A-62S	10/13/05	10:45	X	X	X	X	X	Duplicate of GW-7462-1001-34 MS/MSD/Duplicate
GW-7462-1001-36	A-60D	10/13/05	12:05	X					
GW-7462-1001-37	A-20	10/13/05	14:10	X	X	X	X	X	
GW-7462-1001-38	A-60S	10/13/05	13:50	X	X	X	X	X	
GW-7462-1001-39	A-61S	10/13/05	14:35	X	X	X	X	X	
GW-7462-1001-40	A-59D	10/13/05	15:50	X					
GW-7462-1001-41	A-59S	10/13/05	16:35	X	X	X	X	X	
GW-7462-1001-42	-	10/14/05	7:15	X	X	X	X	X	Rinse Blank
GW-7462-1001-43	A-17	10/13/05	12:20	X	X		X	X	X
GW-7462-1001-44	A-69	10/14/05	10:15	X	X		X	X	X
GW-7462-1001-46	A-69	10/14/05	10:30	X	X		X	X	X
GW-7462-1001-45	A-78	10/14/05	12:15	X	X		X	X	X
GW-7462-1001-47	A-79	10/14/05	11:50	X	X		X	X	X

TABLE 1
SAMPLE COLLECTION AND ANALYSIS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

		<i>Parameters</i>						<i>Comments</i>
<i>Sample ID</i>	<i>Location ID</i>	<i>Collection Date</i> (mm/dd/yy)	<i>Collection Time</i> (hr:min)	VOCs	SVOCs	Total Mercury (only)	Dissolved Mercury (only)	
GW-7462-1001-48	A-75	10/14/05	14:00	X X		X X X X		
GW-7462-1001-49	A-70	10/14/05	10:40	X X		X X X X		
GW-7462-1001-50	A-52A	10/14/05	14:00	X				
GW-7462-1001-50	TG-1 (Influent)	10/11/05	14:00			X		
GW-7462-1001-51	TG-2 (Effluent)	10/11/05	14:00			X		

Notes:

- Not applicable.
- MS Matrix Spike.
- MSD Matrix Spike Duplicate.
- VOCs Volatile Organic Compounds.
- SVOCs Semi-Volatile Organic Compounds.

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	<i>A-17</i>	<i>A-20</i>	<i>A-25D</i>	<i>A-27D</i>	<i>A-27S</i>	<i>A-33D</i>	<i>A-33S</i>	<i>A-36D</i>	<i>A-36S</i>	<i>A-37D</i>	<i>A-37S</i>	<i>A-39D</i>	<i>A-39S</i>	<i>A-44</i>	<i>A-45</i>	<i>A-46</i>	<i>A-47</i>
<i>Sample ID:</i>	GW-7462-1005-43	GW-7462-1005-37	GW-7462-1005-29	GW-7462-1005-15	GW-7462-1005-14	GW-7462-1005-06	GW-7462-1005-05	GW-7462-1005-07	GW-7462-1005-08	GW-7462-1005-33	GW-7462-1005-32	GW-7462-1005-25	GW-7462-1005-26	GW-7462-1005-01	GW-7462-1005-12	GW-7462-1005-04	GW-7462-1005-28
<i>Sample Date:</i>	10/13/2005	10/13/2005	10/12/2005	10/12/2005	10/12/2005	10/11/2005	10/11/2005	10/11/2005	10/11/2005	10/11/2005	10/13/2005	10/13/2005	10/12/2005	10/12/2005	10/11/2005	10/11/2005	
Parameters																	
Volatile Organic Compounds																	
1,1,1-Trichloroethane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	2	1 U	1200 U	1 U	1 U	1	1	1	5 U
1,1,2,2-Tetrachloroethane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
1,1,2-Trichloroethane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
1,1-Dichloroethane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
1,1-Dichloroethene	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	3	1 U	1200 U	1 U	1 U	2	2	4	5 U
1,2,4-Trichlorobenzene	µg/L	1 U	1400	48	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	5	1	1 U	1 U	1 U	6
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
1,2-Dichlorobenzene	µg/L	1 U	2200	450	1 U	1 U	1 U	1 U	1 U	1 U	12000	22	58	1 U	1 U	1 U	680
1,2-Dichloroethane	µg/L	5	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	14	1 U	1 U	1 U	5 U
1,2-Dichloropropane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
1,3-Dichlorobenzene	µg/L	1 U	310	53	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	6	12	1 U	1 U	1 U	49
1,4-Dichlorobenzene	µg/L	1 U	3400	790	1 U	1 U	1 U	1 U	1 U	1 U	20000	70	100	1 U	1 U	1 U	1100
2-Butanone (Methyl Ethyl Ketone)	µg/L	5 U	120 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	6200 U	5 U	5 U	5 U	5 U	5 U	25 U
2-Hexanone	µg/L	5 U	120 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	6200 U	5 U	5 U	5 U	5 U	5 U	25 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	5 U	120 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	6200 U	5 U	5 U	5 U	5 U	5 U	25 U
Acetone	µg/L	5 U	120 U	25 U	6 B	5 B	7 B	5 B	4 B	5 B	6200 U	5 B	4 B	6 B	4 B	3 B	25 U
Benzene	µg/L	0.7 U	29	150	0.7 U	90000	9	750	0.7 U	0.7 U	0.7 U	1200					
Bromodichloromethane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Bromoform	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Bromomethane (Methyl Bromide)	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Carbon disulfide	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Carbon tetrachloride	µg/L	1 U	25 U	5 U	58	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	5	1 U	1 U	5 U
Chlorobenzene	µg/L	1 U	1500	960	1 U	1 U	1 U	1 U	1 U	1 U	230000	210	710	1 U	1 U	1 U	2400
Chloroethane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	3	1 U	1 U	1 U	5 U
Chloroform (Trichloromethane)	µg/L	1 U	25 U	5 U	69	2	1 U	1 U	1 U	1 U	1200 U	1 U	2	7	1 U	1	5 U
Chloromethane (Methyl Chloride)	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
cis-1,2-Dichloroethene	µg/L	1 U	25 U	5 U	2	3	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	5	1 U	1 U	5 U
cis-1,3-Dichloropropene	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Cyclohexane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Dibromochloromethane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Dichlorodifluoromethane (CFC-12)	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Ethylbenzene	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Isopropylbenzene	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Methyl acetate	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Methyl cyclohexane	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Methyl Tert Butyl Ether	µg/L	1 U	25 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	1 U	1 U	1 U	5 U
Methylene chloride	µg/L	1 U	61	5 U	2 B	1 U	1 U	1 U	1 U	1 U	1200 U	1 U	1 U	2 B	1 U	1 U	5 U
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**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
LER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

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**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
ELLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	<i>A-17</i>	<i>A-20</i>	<i>A-25D</i>	<i>A-27D</i>	<i>A-27S</i>	<i>A-33D</i>	<i>A-33S</i>	<i>A-36D</i>	<i>A-36S</i>	<i>A-37D</i>	<i>A-37S</i>	<i>A-39D</i>	<i>A-39S</i>	<i>A-44</i>	<i>A-45</i>	<i>A-46</i>	<i>A-47</i>	
<i>Sample ID:</i>	<i>GW-7462-1005-43</i>	<i>GW-7462-1005-37</i>	<i>GW-7462-1005-29</i>	<i>GW-7462-1005-15</i>	<i>GW-7462-1005-14</i>	<i>GW-7462-1005-06</i>	<i>GW-7462-1005-05</i>	<i>GW-7462-1005-07</i>	<i>GW-7462-1005-08</i>	<i>GW-7462-1005-33</i>	<i>GW-7462-1005-32</i>	<i>GW-7462-1005-25</i>	<i>GW-7462-1005-26</i>	<i>GW-7462-1005-01</i>	<i>GW-7462-1005-12</i>	<i>GW-7462-1005-04</i>	<i>GW-7462-1005-28</i>	
<i>Sample Date:</i>	<i>10/13/2005</i>	<i>10/13/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	<i>10/13/2005</i>	<i>10/13/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	<i>10/12/2005</i>	
Parameters																		
Metals (Cont'd.)																		
Beryllium	µg/L	0.10 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Beryllium (Dissolved)	µg/L	0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium	µg/L	0.26 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium (Dissolved)	µg/L	0.26 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calcium	µg/L	32800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calcium (Dissolved)	µg/L	34700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chromium Total	µg/L	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chromium Total (Dissolved)	µg/L	0.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cobalt	µg/L	1.3 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cobalt (Dissolved)	µg/L	1.3 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper	µg/L	1.3 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper (Dissolved)	µg/L	1.3 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron	µg/L	19400 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron (Dissolved)	µg/L	20400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead	µg/L	1.3 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead (Dissolved)	µg/L	1.3 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Magnesium	µg/L	8370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Magnesium (Dissolved)	µg/L	8820	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese	µg/L	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese (Dissolved)	µg/L	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mercury	µg/L	0.10 U	0.10 U	0.94	17.0	1.9	0.24	0.16	0.10 UJ	2.2	0.10 U	8.7	21.0	64.8	1.9	0.10	0.10 UJ	0.49
Mercury (Dissolved)	µg/L	0.10 U	0.10 U	0.25	6.5	0.68	0.14	0.16	0.49 J	1.5	0.10 U	8.1	6.2	12.7	0.44	0.10	1.6 J	1.2
Methyl mercury	ng/L	0.033	1.78	2.04 J	1.92 J	0.225 J	0.025 UJ	0.025 UJ	0.025 UJ	1.97 J	0.070	1110	16.9 J	3.14 J	0.230 J	0.025 UJ	0.025 UJ	39.1 J
Nickel	µg/L	1.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nickel (Dissolved)	µg/L	1.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Potassium	µg/L	6400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Potassium (Dissolved)	µg/L	7010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Selenium	µg/L	2.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Selenium (Dissolved)	µg/L	2.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silver	µg/L	0.60 UL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silver (Dissolved)	µg/L	0.60 UL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sodium	µg/L	112000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sodium (Dissolved)	µg/L	123000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Thallium	µg/L	1.7 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Thallium (Dissolved)	µg/L	1.7 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vanadium	µg/L	1.3 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vanadium (Dissolved)	µg/L	1.3 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc	µg/L	26.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc (Dissolved)	µg/L	15.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	A-17	A-20	A-25D	A-27D	A-27S	A-33D	A-33S	A-36D	A-36S	A-37D	A-37S	A-39D	A-39S	A-44	A-45	A-46	A-47
<i>Sample ID:</i>	GW-7462-1005-43	GW-7462-1005-37	GW-7462-1005-29	GW-7462-1005-15	GW-7462-1005-14	GW-7462-1005-06	GW-7462-1005-05	GW-7462-1005-07	GW-7462-1005-08	GW-7462-1005-33	GW-7462-1005-32	GW-7462-1005-25	GW-7462-1005-26	GW-7462-1005-01	GW-7462-1005-12	GW-7462-1005-04	GW-7462-1005-28
<i>Sample Date:</i>	10/13/2005	10/13/2005	10/12/2005	10/12/2005	10/12/2005	10/11/2005	10/11/2005	10/11/2005	10/11/2005	10/13/2005	10/13/2005	10/12/2005	10/12/2005	10/12/2005	10/11/2005	10/11/2005	10/12/2005

Parameters	Units	A-17	A-20	A-25D	A-27D	A-27S	A-33D	A-33S	A-36D	A-36S	A-37D	A-37S	A-39D	A-39S	A-44	A-45	A-46	A-47
Ethane	µg/L	1 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ethene	µg/L	1 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methane	µg/L	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
General Chemistry																		
Alkalinity, Total (As CaCO ₃)	mg/L	54.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ammonia	mg/L	0.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calcium Carbonate	mg/L	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbon dioxide	mg/L	46.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chloride	mg/L	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nitrate (as N)	mg/L	0.1 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nitrite (as N)	mg/L	0.1 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard plate count	CFU/mL	30 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sulfate	mg/L	24.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sulfide	mg/L	2 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Dissolved Solids (TDS)	mg/L	517	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Kjeldahl Nitrogen (TKN)	mg/L	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Organic Carbon (TOC)	mg/L	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Suspended Solids (TSS)	mg/L	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Notes:

- Not analyzed.
- B Not detected substantially above the level reported in laboratory or field blanks.
- J Estimated.
- K High bias.
- U Non-detect at associated value.
- UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
- UL The analyte was not detected above the quantitation limit. The reported limit may be biased low.

BLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
LER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	A-49	A-50	A-52A	A-56	A-58	A-59D	A-59S	A-60D	A-60S	A-61S	A-62D	A-62D	A-62S	A-62S	A-66D	A-66S	A-67D
<i>Sample ID:</i>	GW-7462-1005-02	GW-7462-1005-03	GW-7462-1005-50	GW-7462-1005-27	GW-7462-1005-30	GW-7462-1005-40	GW-7462-1005-41	GW-7462-1005-36	GW-7462-1005-38	GW-7462-1005-39	GW-7462-1005-09	GW-7462-1005-10	GW-7462-1005-34	GW-7462-1005-35	GW-7462-1005-19	GW-7462-1005-17	GW-7462-1005-18
<i>Sample Date:</i>	10/11/2005	10/11/2005	10/14/2005	10/12/2005	10/12/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/11/2005	10/11/2005	10/13/2005	10/13/2005	10/12/2005	10/12/2005	
<i>Parameters</i>																<i>Units</i>	
<i>Volatile Organic Compounds</i>																	
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
2,4,5-Trichlorophenol	µg/L	25 U	25 U	-	25 U	25 U	-	25 U	-	25 U							
2,4,6-Trichlorophenol	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
2,4-Dichlorophenol	µg/L	10 U	10 U	-	10 U	10 U	-	2 K	-	3 J	4 J	10 U	10 U	2 J	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
2,4-Dinitrophenol	µg/L	25 U	25 U	-	25 U	25 U	-	25 U	-	25 U							
2,4-Dinitrotoluene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
2,6-Dinitrotoluene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
2-Chloronaphthalene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
2-Chlorophenol	µg/L	10 U	10 U	-	10 U	10 U	-	26 K	-	17	4 J	10 U					
2-Methylnaphthalene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
2-Methylphenol	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
2-Nitroaniline	µg/L	25 U	25 U	-	25 U	25 U	-	25 U	-	25 U							
2-Nitrophenol	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
3,3'-Dichlorobenzidine	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
3-Nitroaniline	µg/L	25 U	25 U	-	25 U	25 U	-	25 U	-	25 U							
4,6-Dinitro-2-methylphenol	µg/L	25 U	25 U	-	25 U	25 U	-	25 U	-	25 U							
4-Bromophenyl phenyl ether	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
4-Chloro-3-methylphenol	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
4-Chloroaniline	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
4-Chlorophenyl phenyl ether	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
4-Methylphenol	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U	10 U	5 J	5 J	10 U	10 U	10 U	10 U
4-Nitroaniline	µg/L	25 U	25 U	-	25 U	25 U	-	25 U	-	25 U							
4-Nitrophenola	µg/L	25 U	25 U	-	25 U	25 U	-	25 U	-	25 U							
Acenaphthene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
Acenaphthylene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
Acetophenone	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
Anthracene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
Atrazine	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
Benzaldehyde	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U	10 U	2 K	2 K	10 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
Benzo(a)pyrene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							
Benzo(b)fluoranthene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	-	10 U							

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	A-49	A-50	A-52A	A-56	A-58	A-59D	A-59S	A-60D	A-60S	A-61S	A-62D	A-62D	A-62S	A-62S	A-66D	A-66S	A-67D
<i>Sample ID:</i>	GW-7462-1005-02	GW-7462-1005-03	GW-7462-1005-50	GW-7462-1005-27	GW-7462-1005-30	GW-7462-1005-40	GW-7462-1005-41	GW-7462-1005-36	GW-7462-1005-38	GW-7462-1005-39	GW-7462-1005-09	GW-7462-1005-10	GW-7462-1005-34	GW-7462-1005-35	GW-7462-1005-19	GW-7462-1005-17	GW-7462-1005-18
<i>Sample Date:</i>	10/11/2005	10/11/2005	10/14/2005	10/12/2005	10/12/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/11/2005	10/11/2005	10/13/2005	10/13/2005	10/12/2005	10/12/2005	
<i>Parameters</i>	<i>Units</i>																
<i>Semi-Volatiles (Cont'd.)</i>																	
Benzo(g,h,i)perylene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Benzo(k)fluoranthene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Biphenyl	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
bis(2-Chloroethoxy)methane	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
bis(2-Chloroethyl)ether	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
bis(2-Ethylhexyl)phthalate	µg/L	10 U	10 U	-	10	10 U	-	2 J	-	10 U							
Butyl benzylphthalate	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Caprolactam	µg/L	10 U	10 U	-	10 UL	10 U	-	10 U									
Carbazole	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Chrysene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Dibenz(a,h)anthracene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Dibenzofuran	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Diethyl phthalate	µg/L	10 U	10 U	-	10 U	10 U	-	8 J	-	10 U	10 U	10 U	10 U	34 J	10 UJ	10 U	
Dimethyl phthalate	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Di-n-butylphthalate	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	2 B								
Di-n-octyl phthalate	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Fluoranthene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Fluorene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Hexachlorobenzene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Hexachlorobutadiene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Hexachlorocyclopentadiene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Hexachloroethane	µg/L	10 U	10 U	-	10 U	10 U	-	10 U	12	2 J	10 U						
Indeno(1,2,3-cd)pyrene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Isophorone	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Naphthalene	µg/L	10 U	10 U	-	6 J	10 U	-	10 U									
Nitrobenzene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
N-Nitrosodi-n-propylamine	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
N-Nitrosodiphenylamine	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Pentachlorophenol	µg/L	25 U	25 U	-	25 U	25 U	-	25 U									
Phenanthrene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
Phenol	µg/L	10 U	10 U	-	10 U	10 U	-	16 K	-	55	8 J	100	91	10 U	10 U	10 U	
Pyrene	µg/L	10 U	10 U	-	10 U	10 U	-	10 U									
<i>Metals</i>																	
Aluminum	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	88.4	31.1	359	
Aluminum (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	38.0 B	40.7 B	22.3 B	
Antimony	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	2.1 U	2.1 U	2.1 U	
Antimony (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	2.1 U	2.1 U	2.1 U	
Arsenic	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	2.5	1.9	2.4	
Arsenic (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	3.3 B	1.7 U	2.1 B	
Barium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	283	45.8	48.6	
Barium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	263	45.3	45.1	

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	<i>A-49</i>	<i>A-50</i>	<i>A-52A</i>	<i>A-56</i>	<i>A-58</i>	<i>A-59D</i>	<i>A-59S</i>	<i>A-60D</i>	<i>A-60S</i>	<i>A-61S</i>	<i>A-62D</i>	<i>A-62D</i>	<i>A-62S</i>	<i>A-62S</i>	<i>A-66D</i>	<i>A-66S</i>	<i>A-67D</i>	
<i>Sample ID:</i>	<i>GW-7462-1005-02</i>	<i>GW-7462-1005-03</i>	<i>GW-7462-1005-50</i>	<i>GW-7462-1005-27</i>	<i>GW-7462-1005-30</i>	<i>GW-7462-1005-40</i>	<i>GW-7462-1005-41</i>	<i>GW-7462-1005-36</i>	<i>GW-7462-1005-38</i>	<i>GW-7462-1005-39</i>	<i>GW-7462-1005-09</i>	<i>GW-7462-1005-10</i>	<i>GW-7462-1005-34</i>	<i>GW-7462-1005-35</i>	<i>GW-7462-1005-19</i>	<i>GW-7462-1005-17</i>	<i>GW-7462-1005-18</i>	
<i>Sample Date:</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	<i>10/14/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/13/2005</i>	<i>10/13/2005</i>	<i>10/13/2005</i>	<i>10/13/2005</i>	<i>10/13/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	<i>10/13/2005</i>	<i>10/13/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>		
<i>Parameters</i>	<i>Units</i>																	
Metals (Cont'd)																		
Beryllium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13	0.20	0.21	
Beryllium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	0.16	0.16	
Cadmium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26 U	0.40	0.38	
Cadmium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26 U	0.41	0.48	
Calcium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	49400	26000	41000	
Calcium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	47700	26600	45400	
Chromium Total	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6	4.6	2.0	
Chromium Total (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	3.7	0.64 U	
Cobalt	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	5.3	6.3	
Cobalt (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3 U	4.6	8.7	
Copper	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	1.3 U	1.8	
Copper (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	1.3 U	2.0	
Iron	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	249 J	24.4 J	576 J	
Iron (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	16.0	19.0	13.9	
Lead	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3 U	1.3 U	1.3 U	
Lead (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3 U	1.3 U	1.3 U	
Magnesium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	21700	15500	45700	
Magnesium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	21000	16100	53800	
Manganese	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	214	5330	279	
Manganese (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	185	5230	383	
Mercury	µg/L	28.2	38.5	-	0.30	0.10 U	-	12.6	-	1.7	1.4	0.24	0.26	0.44	0.48	15.4	6.0	7.0
Mercury (Dissolved)	µg/L	6.9	32.7	-	0.29	0.10 U	-	0.27	-	0.40	0.18	0.26	0.24	0.40	0.42	3.1	4.6	2.6
Methyl mercury	ng/L	1.08 J	2.19 J	-	0.205 J	0.025 UJ	-	6.91	-	0.447	125	3.65 J	0.147 J	1.74	1.94	1.25 J	0.215 J	2.76 J
Nickel	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	3.8	12.9	
Nickel (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	2.7	12.6	
Potassium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	554000	16100	488000	
Potassium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	552000	15900	376000	
Selenium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	2.0 U	2.0 U	
Selenium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0 K	2.0 U	4.1 K	
Silver	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0 L	0.60 UL	1.8 L	
Silver (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4 L	0.60 UL	1.3 L	
Sodium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	425000	86500	2460000	
Sodium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	4210000	87900	2020000	
Thallium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	1.7 U	1.8	
Thallium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	1.7 U	1.8	
Vanadium	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3 U	1.3 U	1.3 U	
Vanadium (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3 U	1.3 U	1.3 U	
Zinc	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	39.0	26.5	360	
Zinc (Dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	13.8	16.3	25.2	

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	A-49	A-50	A-52A	A-56	A-58	A-59D	A-59S	A-60D	A-60S	A-61S	A-62D	A-62D	A-62S	A-62S	A-66D	A-66S	A-67D
<i>Sample ID:</i>	GW-7462-1005-02	GW-7462-1005-03	GW-7462-1005-50	GW-7462-1005-27	GW-7462-1005-30	GW-7462-1005-40	GW-7462-1005-41	GW-7462-1005-36	GW-7462-1005-38	GW-7462-1005-39	GW-7462-1005-09	GW-7462-1005-10	GW-7462-1005-34	GW-7462-1005-35	GW-7462-1005-19	GW-7462-1005-17	GW-7462-1005-18
<i>Sample Date:</i>	10/11/2005	10/11/2005	10/14/2005	10/12/2005	10/12/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/11/2005	10/11/2005	10/13/2005	10/13/2005	10/12/2005	10/12/2005	
Duplicate																Duplicate	
Parameters	Units																
Gas																	
Ethane	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1 U	2.7	1 U
Ethene	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	1 U	1 U	1 U
Methane	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	74	4.2
General Chemistry																	
Alkalinity, Total (As CaCO ₃)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	96.0	53.8	46.2
Ammonia	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	0.26	0.34
Calcium Carbonate	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	250	148	360
Carbon dioxide	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	29.0	54.6	27.3
Chloride	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	6500	137	3680
Nitrate (as N)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	3.49	1.82	2.72
Nitrite (as N)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1 U	0.1 U	0.25
Standard plate count	CFU/mL	-	-	-	-	-	-	-	-	-	-	-	-	-	240 J	320 J	1100 J
Sulfate	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	540	66.8	478
Sulfide	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	2 U	2 U	2 U
Total Dissolved Solids (TDS)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	11500	459	6060
Total Kjeldahl Nitrogen (TKN)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13	0.44	0.22
Total Organic Carbon (TOC)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	2.0	3.0
Total Suspended Solids (TSS)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	26	4 U	11

Notes:

- Not analyzed.
- B Not detected substantially above the level reported in laboratory or field blanks.
- J Estimated.
- K High bias.
- U Non-detect at associated value.
- UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
- UL The analyte was not detected above the quantitation limit. The reported limit may be biased low.

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	<i>A-67S</i>	<i>A-68D</i>	<i>A-68S</i>	<i>A-69</i>	<i>A-69</i>	<i>A-70</i>	<i>A-75</i>	<i>A-76</i>	<i>A-77</i>	<i>A-77</i>	<i>A-78</i>	<i>A-79</i>	<i>R-110</i>	<i>R-112</i>	<i>TG-1 (INFLUENT)</i>	<i>TG-2 (EFFLUENT)</i>		
<i>Sample ID:</i>	<i>GW-7462-1005-16</i>	<i>GW-7462-1005-23</i>	<i>GW-7462-1005-24</i>	<i>GW-7462-1005-44</i>	<i>GW-7462-1005-46</i>	<i>GW-7462-1005-46</i>	<i>GW-7462-1005-49</i>	<i>GW-7462-1005-48</i>	<i>GW-7462-1005-22</i>	<i>GW-7462-1005-20</i>	<i>GW-7462-1005-21</i>	<i>GW-7462-1005-45</i>	<i>GW-7462-1005-47</i>	<i>GW-7462-1005-31</i>	<i>GW-7462-1005-13</i>	<i>GW-7462-1005-50</i>	<i>GW-7462-1005-51</i>	
<i>Sample Date:</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/13/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>		
<i>Duplicate</i>																<i>Duplicate</i>		
<i>Parameters</i>																<i>Units</i>		
<i>Volatile Organic Compounds</i>																		
1,1,1-Trichloroethane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
1,1,2,2-Tetrachloroethane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
1,1,2-Trichloroethane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
1,1-Dichloroethane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
1,1-Dichloroethylene	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
1,2,4-Trichlorobenzene	µg/L	1 U	1 U	1 U	500 U	500 U	340	4200	1	4	4	11	22	3	1 U	-	-	
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
1,2-Dibromoethane (Ethylene Dibromide)	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
1,2-Dichlorobenzene	µg/L	1 U	1 U	1 U	6100	5800	2900	19000	5	9	9	690	720	82	1 U	-	-	
1,2-Dichloroethane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
1,2-Dichloropropane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
1,3-Dichlorobenzene	µg/L	1 U	1 U	1 U	500 U	500 U	440	1600	1 U	1 U	1 U	1 U	84	58	7	1 U	-	-
1,4-Dichlorobenzene	µg/L	1 U	1 U	1 U	11000	10000	5500	21000	5	6	7	1200	1100	83	1 U	-	-	
2-Butanone (Methyl Ethyl Ketone)	µg/L	5 U	5 U	5 U	2500 U	2500 U	500 U	2500 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	-	-	
2-Hexanone	µg/L	5 U	5 U	5 U	2500 U	2500 U	500 U	2500 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	-	-	
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	5 U	5 U	5 U	2500 U	2500 U	500 U	2500 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	-	-	
Acetone	µg/L	4 B	5 U	6 B	2500 U	1100 J	500 U	1100 J	8 B	4 B	5 B	3 B	25 U	5	6 B	-	-	
Benzene	µg/L	0.7 U	0.7 U	0.7 U	3000	3000	4800	98000	5	1	1	2400	980	120	0.7 U	-	-	
Bromodichloromethane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Bromoform	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Bromomethane (Methyl Bromide)	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Carbon disulfide	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1	1	1 U	5 U	1 U	1 U	-	-	
Carbon tetrachloride	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Chlorobenzene	µg/L	1 U	1 U	1 U	20000	20000	12000	140000	12	9	9	7800	4000	170	1 U	-	-	
Chloroethane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Chloroform (Trichloromethane)	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	9	1 U	-	-	
Chloromethane (Methyl Chloride)	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
cis-1,2-Dichloroethene	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
cis-1,3-Dichloropropene	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Cyclohexane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	3	5 U	1 U	1 U	-	-
Dibromochloromethane	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Dichlorodifluoromethane (CFC-12)	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Ethylbenzene	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Isopropylbenzene	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Methyl acetate	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	-		

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	<i>A-67S</i>	<i>A-68D</i>	<i>A-68S</i>	<i>A-69</i>	<i>A-69</i>	<i>A-70</i>	<i>A-75</i>	<i>A-76</i>	<i>A-77</i>	<i>A-77</i>	<i>A-78</i>	<i>A-79</i>	<i>R-110</i>	<i>R-112</i>	<i>TG-1 (INFLUENT)</i>	<i>TG-2 (EFFLUENT)</i>	
<i>Sample ID:</i>	<i>GW-7462-1005-16</i>	<i>GW-7462-1005-23</i>	<i>GW-7462-1005-24</i>	<i>GW-7462-1005-44</i>	<i>GW-7462-1005-46</i>	<i>GW-7462-1005-46</i>	<i>GW-7462-1005-49</i>	<i>GW-7462-1005-48</i>	<i>GW-7462-1005-22</i>	<i>GW-7462-1005-20</i>	<i>GW-7462-1005-21</i>	<i>GW-7462-1005-45</i>	<i>GW-7462-1005-47</i>	<i>GW-7462-1005-31</i>	<i>GW-7462-1005-13</i>	<i>GW-7462-1005-50</i>	<i>GW-7462-1005-51</i>
<i>Sample Date:</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/13/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	
<i>Parameters</i>	<i>Units</i>																
<i>Volatiles (Cont'd.)</i>																	
trans-1,3-Dichloropropene	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Trichloroethene	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Trichlorofluoromethane (CFC-11)	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Trifluorotrichloroethane (Freon 113)	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
Vinyl chloride	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	2	5 U	49	1 U	-	
Xylene (total)	µg/L	1 U	1 U	1 U	500 U	500 U	100 U	500 U	1 U	1 U	1 U	5 U	1 U	1 U	-	-	
<i>Semi-Volatile Organic Compounds</i>																	
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	10 U	18 U	10 U	-	-											
2,4,5-Trichlorophenol	µg/L	25 U	2 K	25 U	-	-											
2,4,6-Trichlorophenol	µg/L	10 U	18 U	10 U	-	-											
2,4-Dichlorophenol	µg/L	10 U	10 U	10 U	10 U	1 K	10 U	39 K	10 U	-	-						
2,4-Dimethylphenol	µg/L	10 U	18 U	10 U	-	-											
2,4-Dinitrophenol	µg/L	25 U	45 U	25 U	-	-											
2,4-Dinitrotoluene	µg/L	10 U	18 U	10 U	-	-											
2,6-Dinitrotoluene	µg/L	10 U	18 U	10 U	-	-											
2-Chloronaphthalene	µg/L	10 U	18 U	10 U	-	-											
2-Chlorophenol	µg/L	10 U	10 U	10 U	40 K	27 K	58 K	340 K	10 U	10 U	10 U	150	19	8 J	10 U	-	
2-Methylnaphthalene	µg/L	10 U	18 U	10 U	-	-											
2-Methylphenol	µg/L	10 U	18 U	10 U	-	-											
2-Nitroaniline	µg/L	25 U	45 U	25 U	-	-											
2-Nitrophenol	µg/L	10 U	18 U	10 U	-	-											
3,3'-Dichlorobenzidine	µg/L	10 U	18 U	10 U	-	-											
3-Nitroaniline	µg/L	25 U	45 U	25 U	-	-											
4,6-Dinitro-2-methylphenol	µg/L	25 U	45 U	25 U	-	-											
4-Bromophenyl phenyl ether	µg/L	10 U	18 U	10 U	-	-											
4-Chloro-3-methylphenol	µg/L	10 U	18 U	10 U	-	-											
4-Chloroaniline	µg/L	10 UL	10 UL	10 UL	10 U	10 U	10 U	18 U	10 UL	10 UL	10 UL	10 U	10 U	10 U	-	-	
4-Chlorophenyl phenyl ether	µg/L	10 U	18 U	10 U	-	-											
4-Methylphenol	µg/L	10 U	130 K	10 U	-	-											
4-Nitroaniline	µg/L	25 U	45 U	25 U	-	-											
4-Nitrophenola	µg/L	25 U	45 U	25 U	-	-											
Acenaphthene	µg/L	10 U	18 U	10 U	-	-											
Acenaphthylene	µg/L	10 U	18 U	10 U	-	-											
Acetophenone	µg/L	10 U	52	10 U	-	-											
Anthracene	µg/L	10 U	18 U	10 U	-	-											
Atrazine	µg/L	10 U	10 U	2 J	10 U	10 U	10 U	18 U	10 U	-	-						
Benzaldehyde	µg/L	10 U	18 U	10 U	-	-											
Benzo(a)anthracene	µg/L	10 U	18 U	10 U	-	-											
Benzo(a)pyrene	µg/L	10 U	18 U	10 U	10 U	10 U											

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

Sample Location:	A-67S	A-68D	A-68S	A-69	A-69	A-70	A-75	A-76	A-77	A-77	A-78	A-79	R-110	R-112	TG-1 (INFLUENT)	TG-2 (EFFLUENT)		
Sample ID:	GW-7462-1005-16	GW-7462-1005-23	GW-7462-1005-24	GW-7462-1005-44	GW-7462-1005-46	GW-7462-1005-46	GW-7462-1005-49	GW-7462-1005-48	GW-7462-1005-22	GW-7462-1005-20	GW-7462-1005-21	GW-7462-1005-45	GW-7462-1005-47	GW-7462-1005-31	GW-7462-1005-13	GW-7462-1005-50	GW-7462-1005-51	
Sample Date:	10/12/2005	10/12/2005	10/12/2005	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/12/2005	10/12/2005	10/12/2005	10/14/2005	10/14/2005	10/14/2005	10/13/2005	10/11/2005	10/11/2005	
Parameters	Units																	
Semi-Volatiles (Cont'd)																		
Benzo(g,h,i)perylene	µg/L	10 U	18 U	10 U	-	-												
Benzo(k)fluoranthene	µg/L	10 U	18 U	10 U	-	-												
Biphenyl	µg/L	10 U	18 U	10 U	-	-												
bis(2-Chloroethoxy)methane	µg/L	10 U	18 U	10 U	-	-												
bis(2-Chloroethyl)ether	µg/L	10 U	18 U	10 U	-	-												
bis(2-Ethylhexyl)phthalate	µg/L	10 U	18 U	3 J	10 U	1 J	10 U	1 J	10 U	10 U	-	-						
Butyl benzylphthalate	µg/L	10 U	18 U	10 U	-	-												
Caprolactam	µg/L	10 U	18 U	1 J	10 U	-	-											
Carbazole	µg/L	10 U	18 U	10 U	-	-												
Chrysene	µg/L	10 U	18 U	10 U	-	-												
Dibenz(a,h)anthracene	µg/L	10 U	18 U	10 U	-	-												
Dibenzofuran	µg/L	10 U	18 U	10 U	-	-												
Diethyl phthalate	µg/L	10 U	18 U	10 U	-	-												
Dimethyl phthalate	µg/L	10 U	18 U	10 U	-	-												
Di-n-butylphthalate	µg/L	10 U	10 U	2 B	1 J	1 J	3 J	1 B	10 U	1 B	2 J	1 J	10 U	10 U	10 U	-	-	
Di-n-octyl phthalate	µg/L	10 U	18 U	10 U	-	-												
Fluoranthene	µg/L	10 U	18 U	10 U	-	-												
Fluorene	µg/L	10 U	18 U	10 U	-	-												
Hexachlorobenzene	µg/L	10 U	18 U	10 U	-	-												
Hexachlorobutadiene	µg/L	10 U	18 U	10 U	-	-												
Hexachlorocyclopentadiene	µg/L	10 U	18 U	10 U	-	-												
Hexachloroethane	µg/L	10 U	18 U	10 U	-	-												
Indeno(1,2,3-cd)pyrene	µg/L	10 U	18 U	10 U	-	-												
Isophorone	µg/L	10 U	18 U	10 U	-	-												
Naphthalene	µg/L	10 U	18 U	10 U	-	-												
Nitrobenzene	µg/L	10 U	2 J	10 U	18 U	10 U	-	-										
N-Nitrosodi-n-propylamine	µg/L	10 U	18 U	10 U	-	-												
N-Nitrosodiphenylamine	µg/L	10 U	18 U	10 U	-	-												
Pentachlorophenol	µg/L	25 U	45 U	25 U	-	-												
Phenanthrene	µg/L	10 U	18 U	10 U	-	-												
Phenol	µg/L	10 U	10 U	10 U	77 K	59 K	140 K	620 K	10 U	10 U	10 U	120	42	10 U	10 U	-	-	
Pyrene	µg/L	10 U	18 U	10 U	-	-												
Metals																		
Aluminum	µg/L	398	78.3	31.1	170	148	111	516	3560	2750 J	1590 J	101	282	-	-	206	32.0	
Aluminum (Dissolved)	µg/L	38.6 B	51.6	37.5 B	40.8 B	42.9 B	55.3	47.1	56.2	27.8 B	34.3 B	42.0 B	40.8 B	-	-	-	-	
Antimony	µg/L	3.2	2.1 U	-	-	4.4	4.3											
Antimony (Dissolved)	µg/L	2.1 U	-	-	-	-												
Arsenic	µg/L	2.2	1.7 U	1.7 U	2.2	1.7 U	1.7 U	1.7 U	31.9	25.5	8.5	6.0	3.3	8.9	-	-	1.7 U	4.0
Arsenic (Dissolved)	µg/L	2.0 B	1.7 U	1.7 U	3													

TABLE 2

ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Sample Location:</i>	<i>A-67S</i>	<i>A-68D</i>	<i>A-68S</i>	<i>A-69</i>	<i>A-69</i>	<i>A-70</i>	<i>A-75</i>	<i>A-76</i>	<i>A-77</i>	<i>A-77</i>	<i>A-78</i>	<i>A-79</i>	<i>R-110</i>	<i>R-112</i>	<i>TG-1 (INFLUENT)</i>	<i>TG-2 (EFFLUENT)</i>	
<i>Sample ID:</i>	<i>GW-7462-1005-16</i>	<i>GW-7462-1005-23</i>	<i>GW-7462-1005-24</i>	<i>GW-7462-1005-44</i>	<i>GW-7462-1005-46</i>	<i>GW-7462-1005-46</i>	<i>GW-7462-1005-49</i>	<i>GW-7462-1005-48</i>	<i>GW-7462-1005-22</i>	<i>GW-7462-1005-20</i>	<i>GW-7462-1005-21</i>	<i>GW-7462-1005-45</i>	<i>GW-7462-1005-47</i>	<i>GW-7462-1005-31</i>	<i>GW-7462-1005-13</i>	<i>GW-7462-1005-50</i>	<i>GW-7462-1005-51</i>
<i>Sample Date:</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/13/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	
<i>Duplicate</i>															<i>Duplicate</i>		
<i>Parameters</i>															<i>Units</i>		
Metals (Cont'd.)																	
Beryllium	µg/L	0.71	0.10 U	0.10 U	0.10	0.10 U	0.10 U	0.12	0.29	0.22	0.13	0.10 U	0.10 U	-	-	0.36	0.10 U
Beryllium (Dissolved)	µg/L	0.52	0.10 U	0.10 U	0.12	0.11	0.12	0.16	0.18	0.10 U	0.10 U	0.10 U	0.10 U	-	-	-	-
Cadmium	µg/L	1.1	0.26 U	0.26 U	0.26	0.26 U	0.26 U	2.7	2.7	0.52	0.35	0.26 U	0.26 U	-	-	1.5	0.26 U
Cadmium (Dissolved)	µg/L	1.0	0.26 U	0.26 U	0.26	0.26 U	0.26 U	0.26	2.3	0.35	0.26 U	0.26 U	0.26 U	-	-	-	-
Calcium	µg/L	31800	25700	22400	84500	85300	42300	131000	131000	118000	118000	19700	29400	-	-	77200	78400
Calcium (Dissolved)	µg/L	31700	27000	22000	85100	83200	41500	116000	137000	112000	118000	21400	25800	-	-	-	-
Chromium Total	µg/L	3.9	1.1	1.1	2.0	1.6	0.64 U	7.8	24.5	15.8	8.6	0.82	6.9	-	-	2.2	4.1
Chromium Total (Dissolved)	µg/L	3.9	1.0	0.75	1.3	2.8	0.64 U	7.4	11.7	1.6	1.7	0.69	1.4	-	-	-	-
Cobalt	µg/L	60.7	1.3 U	6.0	4.4	3.9	1.6	6.5	6.3	1.9	1.3 U	1.3 U	1.8	-	-	220	158
Cobalt (Dissolved)	µg/L	58.3	1.3 U	5.2	3.5	3.7	1.3 U	3.0	3.9	1.3 U	1.3 U	1.3 U	1.3 U	-	-	-	-
Copper	µg/L	3.6	1.3 U	1.8	1.7	1.6	1.7	1.3 U	1.3 U	1.3 U	3.2	4.1	1.3 U	4.6	-	1.9	5.3
Copper (Dissolved)	µg/L	3.9	1.3 U	-	-	-	-										
Iron	µg/L	307 J	190 J	33.9 J	478 J	515 J	204 J	257000 J	189000 J	104000 J	100000 J	9270 J	7600 J	-	-	24100	24.4
Iron (Dissolved)	µg/L	43.6	60.4	23.5	295	296	79.3	262000	208000	93200	100000	10200	6390	-	-	-	-
Lead	µg/L	1.3 U	-	-	1.3 U	1.3 U											
Lead (Dissolved)	µg/L	1.3 U	-	-	-	-											
Magnesium	µg/L	30000	35000	19200	51100	51600	41700	125000	189000	36300	34200	6370	7000	-	-	84400	85500
Magnesium (Dissolved)	µg/L	29900	36300	18700	51400	50300	41500	113000	203000	34200	36300	6790	6590	-	-	-	-
Manganese	µg/L	12300	272	1350	7140	7190	1040	3430	6560	2080	1860	318	242	-	-	25600	23900
Manganese (Dissolved)	µg/L	12200	279	1340	7160	7160	996	3250	6990	1940	2040	333	255	-	-	-	-
Mercury	µg/L	0.15	0.10 U	0.10 U	2.3	1.4	22.6	0.13	0.13 J	0.18	0.11	0.10 U	0.25	67.6	0.13	24.7	0.10 U
Mercury (Dissolved)	µg/L	0.10 U	0.10 U	0.10 U	0.93	1.2	1.4	0.10 U	1.4 J	0.10 U	0.10 U	0.10 U	0.10 U	58.2	0.14	-	-
Methyl mercury	ng/L	0.173 J	0.025 UJ	0.025 UJ	3.25	3.23	5.08	0.560	2.84 J	1.28 J	0.742 J	0.096	0.718	7.89	0.041 J	-	-
Nickel	µg/L	15.4	3.5	6.8	5.0	4.5	1.7	5.0	11.0	3.5	1.5 U	1.5 U	8.7	-	-	10.4	23.6
Nickel (Dissolved)	µg/L	14.0	2.4	5.3	2.9	2.5	1.5 U	2.4	4.6	1.5 U	1.5 U	1.5 U	3.4	-	-	-	-
Potassium	µg/L	53800	21900	11000	71400	72800	104000	20600	63200	11300	9880	4490	5960	-	-	82700	123000
Potassium (Dissolved)	µg/L	51500	23000	11100	73600	72300	107000	19500	66100	9750	10200	5060	6530	-	-	-	-
Selenium	µg/L	2.0 U	2.2	2.0 U	-	-	2.0 U	2.0 U									
Selenium (Dissolved)	µg/L	2.0 U	3.6 K	3.3 K	2.0 U	2.2 K	2.5 K	2.0 U	3.3 K	2.7 K	2.0 U	2.0 U	3.2 K	-	-	-	-
Silver	µg/L	0.89 L	0.60 UL	0.60 UL	0.60 U	0.64 L	0.60 UL	1.1 L	2.3 L	0.60 UL	0.65 L	0.60 UL	0.60 UL	-	-	0.68	0.68
Silver (Dissolved)	µg/L	0.60 UL	1.2 L	1.7 L	0.60 UL	0.60 UL	0.60 UL	0.60 UL	-	-	-	-					
Sodium	µg/L	165000	325000	105000	297000	303000	3480										

TABLE 2

**ANALYTICAL RESULTS SUMMARY
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Sample Location:</i>	<i>A-67S</i>	<i>A-68D</i>	<i>A-68S</i>	<i>A-69</i>	<i>A-69</i>	<i>A-70</i>	<i>A-75</i>	<i>A-76</i>	<i>A-77</i>	<i>A-77</i>	<i>A-78</i>	<i>A-79</i>	<i>R-110</i>	<i>R-112</i>	<i>TG-1 (INFLUENT)</i>	<i>TG-2 (EFFLUENT)</i>	
<i>Sample ID:</i>	<i>GW-7462-1005-16</i>	<i>GW-7462-1005-23</i>	<i>GW-7462-1005-24</i>	<i>GW-7462-1005-44</i>	<i>GW-7462-1005-46</i>	<i>GW-7462-1005-46</i>	<i>GW-7462-1005-49</i>	<i>GW-7462-1005-48</i>	<i>GW-7462-1005-22</i>	<i>GW-7462-1005-20</i>	<i>GW-7462-1005-21</i>	<i>GW-7462-1005-45</i>	<i>GW-7462-1005-47</i>	<i>GW-7462-1005-31</i>	<i>GW-7462-1005-13</i>	<i>GW-7462-1005-50</i>	<i>GW-7462-1005-51</i>
<i>Sample Date:</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/12/2005</i>	<i>10/14/2005</i>	<i>10/14/2005</i>	<i>10/13/2005</i>	<i>10/11/2005</i>	<i>10/11/2005</i>	
<i>Duplicate</i>															<i>Duplicate</i>		
<i>Parameters</i>	<i>Units</i>																
Gas																	
Ethane	µg/L	6.3	1 U	1 U	0.9 J	1.2	0.6 J	1 U	1 U	2.0	1.8	1 U	1 U	-	-	-	-
Ethene	µg/L	1 U	1 U	1 U	5.4	6.1	260 U	1 U	1 U	1.6	1.3	1 U	1 U	-	-	-	-
Methane	µg/L	100	4.2	2.3	340	410	1500	19000	13000	250	280	1.6	3.1	-	-	-	-
General Chemistry																	
Alkalinity, Total (As CaCO ₃)	mg/L	167	27.6	47.2	488	492	439	22.2	827	106	98.5	75.2	94.0	-	-	-	-
Ammonia	mg/L	2.48	0.1 U	0.33	5.29	5.21	1.21	27.1	28.8	1.15	1.09	0.31	0.28	-	-	-	-
Calcium Carbonate	mg/L	260	240	136	440	470	290	760	1500	460	440	88.0	112	-	-	-	-
Carbon dioxide	mg/L	117	18.5	23.8	47.5	51.0	17.6	448	455	175	174	18.5	30.8	-	-	-	-
Chloride	mg/L	253	458	118	243	246	289	1890	3780	387	390	5.8	27.1	-	-	-	-
Nitrate (as N)	mg/L	0.1 U	2.85	2.52	0.1 U	-	-	-	-								
Nitrite (as N)	mg/L	0.1 U	0.20	0.19	0.17	0.18	0.1 U	0.1 U	-	-	-	-					
Standard plate count	CFU/mL	8100 J	2400 J	3000 J	22000 J	21000 J	13000 J	220 J	2900 J	4200 J	1000 J	1254 J	890 J	-	-	-	-
Sulfate	mg/L	73.5	289	114	319	320	290	52.5	134	78.0	58.5	20.4	22.5	-	-	-	-
Sulfide	mg/L	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	-	-	-	-
Total Dissolved Solids (TDS)	mg/L	732	1460	477	1260	1230	1130	3890	6220	1570	1180	149	209	-	-	-	-
Total Kjeldahl Nitrogen (TKN)	mg/L	2.60	0.12	0.18	5.31	5.28	1.63	29.9	33.0	1.56	1.29	0.21	0.42	-	-	-	-
Total Organic Carbon (TOC)	mg/L	5.0	3.5	3.3	5.4	6.1	6.3	53.2	58.2	3.6	3.2	1.7	1.7	-	-	-	-
Total Suspended Solids (TSS)	mg/L	6	7	4 U	15	16	4	148	152	226	138	20	69	-	-	-	-

Notes:

- Not analyzed.
- B Not detected substantially above the level reported in laboratory or field blanks.
- J Estimated.
- K High bias.
- U Non-detect at associated value.
- UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
- UL The analyte was not detected above the quantitation limit. The reported limit may be biased low.

TABLE 3
QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Parameter</i>	<i>Sample ID</i>	<i>Holding Time (hours)</i>	<i>Holding Time Criteria (hours)</i>	<i>Sample Results</i>	<i>Units</i>	<i>Qualifier</i>
Standard Plate Count	GW-7462-1005-17	26	ASAP	320	CFU/mL	J
	GW-7462-1005-22	26	ASAP	2900	CFU/mL	J
	GW-7462-1005-19	26	ASAP	240	CFU/mL	J
	GW-7462-1005-20	26	ASAP	4200	CFU/mL	J
	GW-7462-1005-16	26	ASAP	8100	CFU/mL	J
	GW-7462-1005-21	26	ASAP	1000	CFU/mL	J
	GW-7462-1005-18	26	ASAP	1100	CFU/mL	J
	GW-7462-1005-23	26	ASAP	2400	CFU/mL	J
	GW-7462-1005-24	26	ASAP	3000	CFU/mL	J
	GW-7462-1005-43	26	ASAP	30	CFU/mL	J
	GW-7462-1005-48	26	ASAP	220	CFU/mL	J
	GW-7462-1005-44	26	ASAP	22000	CFU/mL	J
	GW-7462-1005-49	26	ASAP	13000	CFU/mL	J
	GW-7462-1005-45	26	ASAP	1254	CFU/mL	J
	GW-7462-1005-46	26	ASAP	21000	CFU/mL	J
	GW-7462-1005-47	26	ASAP	890	CFU/mL	J

Notes:

ASAP As soon as possible.

J Estimated.

TABLE 4
QUALIFIED SAMPLE DATA DUE TO INADEQUATE PRESERVATION - TEMPERATURE
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Parameter</i>	<i>Sample ID</i>	<i>Analyte</i>	<i>Temperature Upon Receipt at Laboratory</i>	<i>Required Temperature</i>	<i>Sample Result</i>	<i>Units</i>	<i>Qualifier</i>
Metals	GW-7462-1005-01	Methyl Mercury	9.2	4.0	0.230	ng/L	J
	GW-7462-1005-02				1.08	ng/L	J
	GW-7462-1005-03				2.19	ng/L	J
	GW-7462-1005-04				0.025 U	ng/L	UJ
	GW-7462-1005-05				0.025 U	ng/L	UJ
	GW-7462-1005-06				0.025 U	ng/L	UJ
	GW-7462-1005-07				0.025 U	ng/L	UJ
	GW-7462-1005-08				1.97	ng/L	J
	GW-7462-1005-09				3.65	ng/L	J
	GW-7462-1005-10				0.147	ng/L	J
	GW-7462-1005-11				0.025 U	ng/L	UJ
	GW-7462-1005-12				0.025 U	ng/L	UJ
	GW-7462-1005-13				0.041	ng/L	J
	GW-7462-1005-14				0.225	ng/L	J
	GW-7462-1005-15				1.92	ng/L	J
	GW-7462-1005-16				0.173	ng/L	J
	GW-7462-1005-17				0.215	ng/L	J
	GW-7462-1005-18				2.76	ng/L	J
	GW-7462-1005-19				1.25	ng/L	J
	GW-7462-1005-20				1.28	ng/L	J
	GW-7462-1005-21				0.742	ng/L	J
	GW-7462-1005-22				2.84	ng/L	J
	GW-7462-1005-23				0.025 U	ng/L	UJ
	GW-7462-1005-24				0.025 U	ng/L	UJ
	GW-7462-1005-25				16.9	ng/L	J
	GW-7462-1005-26				3.14	ng/L	J
	GW-7462-1005-27				0.205	ng/L	J
	GW-7462-1005-28				39.1	ng/L	J
	GW-7462-1005-29				2.04	ng/L	J

Notes:

J Estimated.

U Non-detect at associated value.

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 5
QUALIFIED SAMPLE RESULTS DUE TO OUTLYING SURROGATE RECOVERIES
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

Parameter	Surrogate	Surrogate Recovery (percent)	Control Limits (percent)	Sample ID	Analytes	Sample Results	Units	Qualifier
SVOCs	Phenol-d5 2-Chlorophenol-d4	330 338	10-110 33-110	GW-7462-1005-32	4-Methylphenol Phenol 2,4-Dichlorophenol 2,4,6-Trichlorophenol 2-Chlorophenol	10 24 5 2 29	µg/L µg/L µg/L µg/L µg/L	K K K K K
SVOCs	Phenol-d5 2-Fluorophenol 2-Chlorophenol-d4	153 145 155	10-110 21-110 33-110	GW-7462-1005-37	2,4-Dichlorophenol 2-Chlorophenol 2,4,5-Trichlorophenol	23 16 3	µg/L µg/L µg/L	K K K
SVOCs	Phenol-d5 2-Fluorophenol 2-Chlorophenol-d4	222 205 226	10-110 21-110 33-110	GW-7462-1005-41	Phenol 2,4-Dichlorophenol 2-Chlorophenol	16 2 26	µg/L µg/L µg/L	K K K
SVOCs	Phenol-d5 2-Fluorophenol 2-Chlorophenol-d4	325 294 324	10-110 21-110 33-110	GW-7462-1005-44	Phenol 2-Chlorophenol	77 40	µg/L µg/L	K K
SVOCs	Phenol-d5 2-Fluorophenol 2-Chlorophenol-d4	255 236 255	10-110 21-110 33-110	GW-7462-1005-46	Phenol 2,4-Dichlorophenol 2-Chlorophenol	59 1 27	µg/L µg/L µg/L	K K K
SVOCs	Phenol-d5 2-Fluorophenol 2-Chlorophenol-d4	286 224 294	10-110 21-110 33-110	GW-7462-1005-48	2,4-Dichlorophenol 2,4,5-Trichlorophenol	39 2	µg/L µg/L	K K
SVOCs	Phenol-d5 2-Fluorophenol 2-Chlorophenol-d4	114 113 NA	10-110 21-110 33-110	GW-7462-1005-48DL	4-Methylphenol Phenol 2-Chlorophenol	130 620 340	µg/L µg/L µg/L	K K K
SVOCs	Phenol-d5 2-Fluorophenol 2-Chlorophenol-d4	215 206 220	10-110 21-110 33-110	GW-7462-1005-49	2-Chlorophenol	58	µg/L	K
SVOCs	Phenol-d5 2-Fluorophenol 2-Chlorophenol-d4	136 130 134	10-110 21-110 33-110	GW-7462-1005-49DL	Phenol	140	µg/L	K

Notes:

K Reported value may be biased high.
 NA Not Available.
 SVOCs Semi-Volatile Organic Compounds.

TABLE 6
QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Parameter</i>	<i>Analysis Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Sample Result</i>	<i>Qualified Result</i>	<i>Units</i>
VOCs	10/17/05	Methylene Chloride	3J	GW-7462-1005-15 GW-7462-1005-01	2 J 2 J	2B 2B	µg/L µg/L
SVOCs	10/18/05	Di-n-butylphthalate	1J	GW-7462-1005-29	2 J	2B	µg/L
VOCs	10/18/05	Methylene chloride	3J	GW-7462-1005-18 GW-7462-1005-19	2 J 2 J	2B 2B	µg/L µg/L
SVOCs	10/18/05	Di-n-butylphthalate	1J	GW-7462-1005-21 GW-7462-1005-18 GW-7462-1005-22 GW-7462-1005-19 GW-7462-1005-24	1 2 1 1 2	1B 2B 1B 1B 2B	µg/L µg/L µg/L µg/L µg/L
Metals	10/31/05	Aluminum (Dissolved)	8.78	GW-7462-1005-21 GW-7462-1005-19 GW-7462-1005-16 GW-7462-1005-18 GW-7462-1005-17 GW-7462-1005-20 GW-7462-1005-24 GW-7462-1005-43 GW-7462-1005-46 GW-7462-1005-44 GW-7462-1005-45 GW-7462-1005-47	34.3 38.0 38.6 22.3 40.7 27.8 37.5 42.9 42.9 40.8 42.0 40.8	34.3B 38.0B 38.6B 22.3B 40.7B 27.8B 37.5B 42.9B 42.9B 40.8B 42.0B 40.8B	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Metals	10/31/05	Arsenic (Dissolved)	1.83	GW-7462-1005-21 GW-7462-1005-18 GW-7462-1005-19 GW-7462-1005-20 GW-7462-1005-16 GW-7462-1005-43 GW-7462-1005-45 GW-7462-1005-49 GW-7462-1005-46 GW-7462-1005-44 GW-7462-1005-47	5.9 2.1 3.3 6.4 2.0 2.4 3.4 3.0 3.1 3.4 8.2	5.9B 2.1B 3.3B 6.4B 2.0B 2.4B 3.4B 3.0B 3.1B 3.4B 8.2B	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L

Notes:

- B Analyte detected in associated blank.
- J Estimated.
- SVOCs Semi-Volatile Organic Compounds.
- VOCs Volatile Organic Compounds.

TABLE 7
QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RESULTS
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Parameter</i>	<i>Compound</i>	<i>Percent Recovery</i>	<i>Control Limits (percent)</i>	<i>Associated Sample ID</i>	<i>Sample Results</i>	<i>Units</i>	<i>Qualifier</i>
SVOCs	Benzaldehyde	167	40-140	GW-7462-1005-09	2	µg/L	K
				GW-7462-1005-10	2	µg/L	K
SVOCs	Caprolactam	19	40-140	GW-7462-1005-15	10 U	µg/L	UL
				GW-7462-1005-14	10 U	µg/L	UL
				GW-7462-1005-25	10 U	µg/L	UL
				GW-7462-1005-26	10 U	µg/L	UL
				GW-7462-1005-27	10 U	µg/L	UL
SVOCs	4-Methylphenol	57	75-125	GW-7462-1005-14	10 U	µg/L	UL
				GW-7462-1005-15	10 U	µg/L	UL
				GW-7462-1005-25	10 U	µg/L	UL
				GW-7462-1005-26	10 U	µg/L	UL
				GW-7462-1005-27	10 U	µg/L	UL
SVOCs	4-Chloroaniline	22	25-133	GW-7462-1005-18	10 U	µg/L	UL
				GW-7462-1005-21	10 U	µg/L	UL
				GW-7462-1005-16	10 U	µg/L	UL
				GW-7462-1005-17	10 U	µg/L	UL
				GW-7462-1005-19	10 U	µg/L	UL
				GW-7462-1005-22	10 U	µg/L	UL
				GW-7462-1005-20	10 U	µg/L	UL
				GW-7462-1005-23	10 U	µg/L	UL
				GW-7462-1005-24	10 U	µg/L	UL

Notes:

K Reported value may be biased high.

SVOCs Semi-Volatile Organic Compounds.

U Non-detect at associated value.

UL The analyte was not detected above the quantitation limit. The reported limit may be biased low.

TABLE 8
QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE RECOVERIES
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Analyte</i>	<i>Spike ID</i>	<i>MS Recovery (percent)</i>	<i>Control Limits (percent)</i>	<i>Associated Samples</i>	<i>Sample Results</i>	<i>Units</i>	<i>Qualifier</i>
Selenium (Dissolved)	GW-7462-1005-44	144	75-125	GW-7462-1005-22	3.3	µg/L	K
				GW-7462-1005-19	5.0	µg/L	K
				GW-7462-1005-20	2.7	µg/L	K
				GW-7462-1005-18	4.1	µg/L	K
				GW-7462-1005-24	3.3	µg/L	K
				GW-7462-1005-23	3.6	µg/L	K
				GW-7462-1005-49	2.5	µg/L	K
				GW-7462-1005-46	2.2	µg/L	K
				GW-7462-1005-47	3.2	µg/L	K
Silver (Dissolved)	GW-7462-1005-44	49.6	75-125	GW-7462-1005-17	0.60 U	µg/L	UL
				GW-7462-1005-22	1.7	µg/L	L
				GW-7462-1005-16	0.60 U	µg/L	UL
				GW-7462-1005-21	0.60 U	µg/L	UL
				GW-7462-1005-19	2.4	µg/L	L
				GW-7462-1005-18	1.3	µg/L	L
				GW-7462-1005-20	0.60 U	µg/L	UL
				GW-7462-1005-23	0.60 U	µg/L	UL
				GW-7462-1005-24	0.60 U	µg/L	UL
				GW-7462-1005-43	0.60 U	µg/L	UL
				GW-7462-1005-47	0.60 U	µg/L	UL
				GW-7462-1005-45	0.60 U	µg/L	UL
				GW-7462-1005-44	0.60 U	µg/L	UL
				GW-7462-1005-46	0.60 U	µg/L	UL
				GW-7462-1005-48	1.2	µg/L	L
				GW-7462-1005-49	0.60 U	µg/L	UL
Iron	GW-7462-1005-44	144	75-125	GW-7462-1005-16	307	µg/L	K
				GW-7462-1005-22	189000	µg/L	K
				GW-7462-1005-19	249	µg/L	K
				GW-7462-1005-18	576	µg/L	K
				GW-7462-1005-17	24.4	µg/L	K
				GW-7462-1005-21	100000	µg/L	K
				GW-7462-1005-20	104000	µg/L	K
				GW-7462-1005-23	190	µg/L	K
				GW-7462-1005-24	33.9	µg/L	K
				GW-7462-1005-43	19400	µg/L	K

TABLE 8
QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE RECOVERIES
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Analyte</i>	<i>Spike ID</i>	<i>MS Recovery (percent)</i>	<i>Control Limits (percent)</i>	<i>Associated Samples</i>	<i>Sample Results</i>	<i>Units</i>	<i>Qualifier</i>
Iron (Cont'd.)	GW-7462-1005-44	144	75-125	GW-7462-1005-49 GW-7462-1005-47 GW-7462-1005-45 GW-7462-1005-46	204 7600 9270 515	µg/L µg/L µg/L µg/L	K K K K
Silver	GW-7462-1005-44	44.6	75-125	GW-7462-1005-17 GW-7462-1005-19 GW-7462-1005-21 GW-7462-1005-20 GW-7462-1005-16 GW-7462-1005-18 GW-7462-1005-22 GW-7462-1005-24 GW-7462-1005-23 GW-7462-1005-43 GW-7462-1005-49 GW-7462-1005-44 GW-7462-1005-45 GW-7462-1005-48 GW-7462-1005-47 GW-7462-1005-46	0.60 U 3.0 0.65 0.60 U 0.89 1.8 2.3 0.60 U 0.60 U 0.60 U 0.60 U 0.60 U 0.60 U 0.60 U 1.1 0.60 U 0.64	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	UL L L UL L L L UL UL UL UL UL UL UL UL L UL L

Notes:

K Reported value may be biased high.

L Reported value may be biased low.

MS Matrix Spike.

U Non-detect at associated value.

UL The analyte was not detected above the quantitation limit. The reported limit may be biased low.

TABLE 9
QUALIFIED SAMPLE DATA DUE TO POOR LABORATORY DUPLICATE PRECISION
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Analyte</i>	<i>Sample ID</i>	<i>Original Result</i>	<i>Duplicate Result</i>	<i>RPD</i>	<i>RPD Control Limit</i>	<i>Associated Sample IDs</i>	<i>Sample Results</i>	<i>Units</i>	<i>Qualifier</i>
Iron	GW-7462-1005-44	478	632	27.8	20	GW-7462-1005-16 GW-7462-1005-22 GW-7462-1005-19 GW-7462-1005-18 GW-7462-1005-17 GW-7462-1005-21 GW-7462-1005-20 GW-7462-1005-23 GW-7462-1005-24 GW-7462-1005-43 GW-7462-1005-44 GW-7462-1005-48 GW-7462-1005-49 GW-7462-1005-47 GW-7462-1005-45 GW-7462-1005-46	307 189000 249 576 24.4 100000 104000 190 33.9 19400 478 257000 204 7600 9270 515	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	J J J J J J J J J J J J J J J J J

Notes:

J Estimated.

RPD Relative Percent Difference.

TABLE 10
QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Parameter</i>	<i>Rinse Blank</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Sample Result</i>	<i>Qualified Sample Result</i>	<i>Units</i>
VOCs	10/17/05	Acetone	5	GW-7462-1005-13 GW-7462-1005-14 GW-7462-1005-15 GW-7462-1005-25 GW-7462-1005-26 GW-7462-1005-04 GW-7462-1005-02 GW-7462-1005-12 GW-7462-1005-03 GW-7462-1005-01 GW-7462-1005-06 GW-7462-1005-05 GW-7462-1005-07 GW-7462-1005-08	6 5 6 5 4J 3J 6 4J 5 6 7 5 4J 5	6 B 5 B 6 B 5 B 4 B 3 B 6 B 4 B 5 B 6 B 7 B 5 B 4 B 5 B	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
SVOCs	10/19/05	Di-n-butylphthalate	1	GW-7462-1005-32	1J	1 B	µg/L

Notes:

B Analyte detected in associated blank.

J Estimated.

SVOCs Semi-Volatile Organic Compounds.

VOCs Volatile Organic Compounds.

TABLE 11
QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANK
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Parameter</i>	<i>Blank Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Associated Sample ID</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Units</i>
VOCs	10/14/05	Acetone	2J	GW-7462-1005-17 GW-7462-1005-19 GW-7462-1005-20 GW-7462-1005-22 GW-7462-1005-18 GW-7462-1005-21 GW-7462-1005-16 GW-7462-1005-24 GW-7462-1005-45 GW-7462-1005-50	3 J 7 4 J 8 8 5 4 J 6 3 J 2 J	3 B 7 B 4 B 8 B 8 B 5 B 4 B 6 B 3 B 2 B	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L

Notes:

B Analyte detected in associated blank.

J Estimated.

VOCs Volatile Organic Compounds.

TABLE 12
QUALIFIED SAMPLE RESULTS DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005

<i>Parameter</i>	<i>Analyte</i>	<i>Original Sample ID</i>	<i>Original Result</i>	<i>Duplicate Sample ID</i>	<i>Duplicate Result</i>	<i>RPD</i>	<i>Units</i>	<i>Qualifier</i> ⁽¹⁾
SVOCs	Diethyl phthalate	GW-7462-1005-34	34	GW-7462-1005-35	10U	109	µg/L	J
Metals	Aluminum	GW-7462-1005-20	2750	GW-7462-1005-21	1590	53	µg/L	J
	Zinc	GW-7462-1005-20	353	GW-7462-1005-21	88.3	120	µg/L	J
General Chemistry	Standard Plate Count	GW-7462-1005-20	4200	GW-7462-1005-21	1000	123	CFU/mL	J

Notes:

⁽¹⁾ Qualifier is associated with both the original and duplicate sample.

J Estimated.

RPD Relative Percent Difference.

SVOCs Semi-Volatile Organic Compounds.

U Non-detect at associated value.

TABLE 13

**QUALIFIED ANALYTICAL DATA DUE TO A DISCREPANCY IN THE TOTAL VS. DISSOLVED RESULTS
PMP GROUNDWATER SAMPLING
MILLER SPRINGS REMEDIATION MANAGEMENT, INC.
DELAWARE CITY, DELAWARE
OCTOBER 2005**

<i>Analyte</i>	<i>Sample ID</i>	<i>Total Result</i>	<i>Dissolved Result</i>	<i>Qualified Total Result</i>	<i>Qualified Dissolved Result</i>	<i>Units</i>
Mercury	GW-7462-1005-07	0.10 U	0.49	0.10 UJ	0.49 J	µg/L
Mercury	GW-7462-1005-04	0.10 U	1.6	0.10 UJ	1.6 J	µg/L
Mercury	GW-7462-1005-22	0.13	1.4	0.13 J	1.4 J	µg/L

Notes:

J Estimated.

U Non-detect at associated value.

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.